HEWLETT-PACKARD COMPANY Intellectual Property Administration
P. O. Box 272400 Fort Collins, Colorado 805

PATENT APPLICA

ATTORNEY DOCKET NO. _ 200301893-2

IN THE

man Paul Jouppi et al.

INITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No.: 1502

Examiner: McLean-Mayo, K.

Application No.: 10/693,303

Filing Date:

Inventòr(s)

10/24/2003

Group Art Unit:

2187

Title:

Apparatus and Method for Speculative Prefetching After Data Cache Misses

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

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J	••	•

Transmitted herewith is/are the following in the above-identified application: Petition to extend time to respond (X) Response/Amendment Supplemental Declaration () New fee as calculated below No additional fee (X) Other: Postcards (2) (X) (fee \$

	CLAIM	MS AS AME	NDED BY OT	HER THAN A	SMALL	ENTIT	Y			
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	NUMBER HIGHES		4) NUMBER LY PAID FOR	(5) PRESENT EXTRA		(6) RATE		(7) ADDITIONAL FEES	
TOTAL CLAIMS	9	MINUS	MINUS		=	0	х	\$18	\$	0
INDEP. CLAIMS	3	MINUS	linus 3		=	0	x	\$88	\$	0
[] FIR:	[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM + \$30								\$	0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$430.00		3RD MON \$980.00			H MONTH 1530.00		\$	0
	OTHER FEES									
	TOTAL ADDITIONAL FEE FOR THIS AMENDMENT								\$	0

Charge \$_ to Deposit Account 08-2025. At any time during the pendency of this 0 application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: 11/22/2004

Typed Name: Seanelle

Signature:

Respectfully submitted,

Norman Paul Jouppi et al.

Barry D. Blount

Attorney/Agent for Applicant(s)

Reg. No. 35,069

Date: 11/22/2004

Telephone No.: (281) 970-4545

In re Application of:

Norman Paul Jouppi et al.

Serial No.:

10/693,303

Filed: October 24, 2003

For:

Apparatus and Method for Speculative

Prefetching After Data Cache Misses

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Group Art Unit:

2187

Examiner:

\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$

McLean-Mayo, Kimberly

Atty. Docket:

200301893-2

(NUHP:0171-1/FLE)

CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an

envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

November 22, 2004

Date

Seanelle Dice

Sir:

RESPONSE TO OFFICIAL ACTION MAILED ON AUGUST 23, 2004

In response to the Office Action mailed on August 23, 2004, Applicants respectfully request reconsideration of the above-identified application in view of the remarks and amendments set forth below.